

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend the claims as follows:

Listing of Claims:

1. (Currently Amended) One or more processor-accessible storage media comprising processor-executable instructions that, when executed, direct a device to perform actions comprising:
 - accepting a plurality of files, each file of the plurality of files corresponding to a respective file type and including source code, wherein at least two files have different file types;
 - associating a build provider with each file of the plurality of files in accordance with the corresponding respective file type;
 - accessing a configuration file including a data structure that maps respective file types of the plurality of file types to respective build providers of a plurality of build providers, wherein a new build provider is registered by updating the data structure of the configuration file to include a new entry that maps a new file type to the new build provider;
 - ascertaining the source code of each file of the plurality of files via the associated build provider; and
 - compiling the ascertained source code of each file of the plurality of files into an assembly.
2. (Canceled)
3. (Previously Presented) The one or more processor-accessible storage media as recited in claim 1, comprising the processor-executable instructions that, when executed, direct the device to perform a further action comprising:
 - instantiating the associated build provider for each file of the plurality of files.
4. (Previously Presented) The one or more processor-accessible storage media as recited in claim 1, wherein the action of compiling comprises an action of:

launching a compiler that performs a compilation on the ascertained source code of each file of the plurality of files to create the assembly.

5. (Previously Presented) The one or more processor-accessible storage media as recited in claim 1, wherein at least a portion of the processor-executable instructions comprise at least part of an operating system.

6. (Previously Presented) The one or more processor-accessible storage media as recited in claim 1, wherein at least a portion of the processor-executable instructions comprise at least part of a program that is capable of establishing a runtime environment.

7. (Previously Presented) The one or more processor-accessible storage media as recited in claim 1, wherein the one or more processor-accessible media comprise at least one of one or more storage media.

8. (Currently Amended) One or more processor-accessible storage media comprising processor-executable instructions that, when executed, direct a device to perform actions comprising:

accessing a configuration file including a data structure that maps respective file types of the plurality of file types to respective build providers of a plurality of build providers, wherein a new build provider is registered by updating the data structure of the configuration file to include a new entry that maps a new file type to the new build provider;

creating an associated build provider for each associated file of a ~~a~~ the plurality of files, wherein at least two files have different file types;

giving each associated build provider a path to its associated file;

requesting each associated build provider to contribute code of its associated file; and

compiling the contributed code of each associated file into an assembly.

9. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, comprising the processor-executable instructions that, when executed, direct the device to perform a further action comprising:

accepting the plurality of files, each file of the plurality of files corresponding to a different file type.

10. (Previously Presented) The one or more processor-accessible storage media as recited in claim 9, wherein the action of creating further comprises an action of:

instantiating the associated build provider for each associated file of the plurality of files according to the corresponding different file type of each associated file.

11. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, comprising the processor-executable instructions that, when executed, direct the device to perform a further action comprising:

asking each associated build provider for its usable code language.

12. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, comprising the processor-executable instructions that, when executed, direct the device to perform a further action comprising:

receiving one or more resources from at least one associated build provider.

13. (Previously Presented) The one or more processor-accessible storage media as recited in claim 12, wherein the action of compiling further comprises an action of:

compiling the contributed code of each associated file and the one or more resources from at least one associated build provider into the assembly.

14. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, wherein the action of compiling further comprises an action of:

constructing at least one of an object code file, an executable file, a dynamically linked library (DLL) file, and an intermediate language (IL) file.

15. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, wherein the action of giving further comprises an action of:

calling a file path interface on each associated build provider.

16. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, wherein the action of requesting further comprises an action of:
calling a generate code interface on each associated build provider.

17. (Previously Presented) The one or more processor-accessible storage media as recited in claim 8, comprising the processor-executable instructions that, when executed, direct the device to perform a further action comprising:

acquiring the contributed code of each associated file via each associated build provider responsive to the action of requesting.

18. (Previously Presented) The one or more processor-accessible storage media as recited in claim 17, wherein the action of acquiring further comprises at least one of the following actions:

retrieving the contributed code from a stipulated path location;
retrieving the contributed code from a created code object; and
retrieving the contributed code as a code compile unit.

19. (Original) A device comprising:
at least one processor; and
one or more media including a data structure that is capable of being accessed by the at least one processor, the data structure comprising:

a first entry that includes a first file type and a denotation of a first build provider, the first build provider adapted to handle files of the first file type during a compilation;

a second entry that includes a second file type and a denotation of a second build provider, the second build provider adapted to handle files of the second file type during a compilation; and

a third entry that includes a third file type and a denotation of a third build provider, the third build provider adapted to handle files of the third file type during a compilation;

wherein the first entry maps the first file type to the first build provider, the second entry maps the second file type to the second build provider, and the third entry maps the third file type to the third build provider.

20. (Original) The device as recited in claim 19, wherein the first build provider is capable of generating source code from files of the first type, the second build provider is capable of generating source code from files of the second type, and the third build provider is capable of generating source code from files of the third type.

21.-34. (Canceled)

35. (Currently Amended) A computer readable storage medium encoding an arrangement for software build extensibility, comprising:

association means for associating a build provider with each respective file of a plurality of files in accordance with a respective file type that corresponds to the respective file, and for registering a new build provider by updating the data structure of the configuration file to include a new entry that maps a new file type to the new build provider;

ascertainment means for ascertaining code of each respective file of the plurality of files via the associated build provider; and

compilation means for compiling the ascertained code of each respective file of the plurality of files into an assembly.

36. (Currently Amended) The computer readable storage medium as recited in claim 35, further comprising:

contribution means for contributing the code of each respective file of the plurality of files to the ascertainment means as at least one of a code object, a file path location, and a code compile unit.

37. (Currently Amended) The computer readable storage medium as recited in claim 35, wherein the arrangement comprises at least one device.

38. (Currently Amended) The computer readable storage medium as recited in claim 35, wherein the arrangement comprises one or more processor-accessible storage media.